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GZ.23

FALL '92 AND SPRING '93.

WHOLESALE CATALOGUE

. . . OF THE . . .

WAUKEGAN NURSERIES,

WAUKEGAN, ILLINOIS.

R. DOUGLAS & SONS, Proprietors.

We make a specialty of growing HARDY, ORNAMENTAL EVERGREENS for Parks, Cemeteries and Ornamental Planting.

Our list is not a long one, as we propagate the kinds we know to be hardy and valuable, and no others.

We make a specialty of growing Colorado Evergreens, which have attracted so much attention lately, both in this country and in Europe, and have by far the largest stock in cultivation.

Our Transplanted Trees are grown much further apart than is usual, allowing them room to be taken up with perfect roots.

We also make a specialty of growing Evergreen Trees from Seeds in very large quantities for Nurserymen, and Forest Trees for Planters.

MANUFACTURERS PRINTING CO., RACINE, WIS.

TERMS AND CONDITIONS.

The terms of payment must invariably *be cash*, or *satisfactory security before shipping.*

When goods are ordered by Express, C. O. D., one-half the amount in cash must accompany the order.

We pack in strong, light boxes, *for which we make a moderate charge.*

No charge is made for delivering goods at Freight or Express Office.

After delivering our goods to forwarders, our responsibility ceases.

When losses occur through detention or neglect *en route*, claims should be made *at once*, on the forwarders.

Any mistake of ours will be promptly corrected if notified within ten days from receipt of goods.

Purchasers will confer a favor by stating the manner in which they wish their goods sent, by Freight or Express; also the route from Chicago, if practicable. Write Post Office address plainly.

The articles on the following list will be furnished at annexed prices only when the quantity specified is taken, except as follows : 50 at 100 rates; 500 at 1,000 rates, etc. Rates by the 100 or 1,000. etc., will not apply when two or more articles or classes offered separately are included to make up the required number. We have by far the largest stock of Evergreens ever offered in the United States, *all* grown from seeds on our own grounds.

LOCATION.

Our Nurseries are located on the western shore of Lake Michigan, thirty-five miles north of Chicago, on the Milwaukee division of the Chicago & North-Western Railway, (on which there are twenty-four passenger trains daily, between Chicago and Milwaukee.)

This being the terminus of the Belt Road, we can ship at Chicago rates to all distant parts of the country.

EVERGREEN TREES.

TRANSPLANTED.

ALL THRIFTY, STOCKY AND SEVERAL TIMES TRANSPLANTED.

	DOZEN.	100	1,000
Norway Spruce, 4 to 5 feet	$ 5 00	$	$
Norway Spruce, 3 to 4 feet	3 00	20 00	
Norway Spruce, 2 to 3 feet	2 50	16 00	95 00
Norway Spruce, 18 to 20 inches	1 25	8 00	45 00
Norway Spruce, 10 to 15 inches	75	3 00	18 00
White Spruce, 3 to 4 feet	5 00		
White Spruce, 2 to 3 feet	3 50	25 00	
White Spruce, 18 to 20 inches	3 00	12 00	
Hemlock Spruce, 18 to 24 inches	3 00		
American Arbor Vitæ, 5 to 6 feet	5 00		
American Arbor Vitæ, 4 feet	4 00		
American Arbor Vitæ, 12 to 18 inches		4 00	30 00
Siberian Arbor Vitæ, 2 feet	3 00		
Scotch Pine, 4 to 5 feet	4 00		
Scotch Pine, 2 to 3 feet	2 00	8 00	
Scotch Pine, 12 to 18 inches	1 00	2 50	20 00
Mountain Pine, Dwarf, 2 feet	3 00	15 00	
Mountain Pine, Dwarf, 18 inches	2 00	10 00	
Red Pine, 18 to 24 inches	4 00	20 00	
Balsam Fir, 15 to 18 inches	2 00	10 00	
Balsam Fir, 10 to 15 inches	1 00	6 00	
Austrian Pine, 4 to 4 feet	6 00		
White Pine, 5 to 6 feet	5 00	30 00	
White Pine, 7 feet	6 00		

NEW AND RARE EVERGREENS.

The Blue Spruce of Colorado, *Picea pungens*, of the botanists, varies from deep green to light and dark blue in color. They are all beautiful, valuable and perfectly hardy trees, but the blue ones are most admired.

The Colorado Spruce is not excelled for a wind break. Strong, hardy and the *only* dog and boy proof Evergreen.

The Colorado Blue Spruce, the Douglas Spruce, of Colorado, *Pseudotsuga Douglasii* (Engelm) and the White Spruce, *Picea alba*, are the most ornamental and most hardy of all the spruces.

Specimen trees of these three kinds from 20 to 30 feet high, in Massachusetts, Illinois, Iowa, Kansas and Nebraska, convince us that they will stand extreme drouth in summer and extreme cold in winter better than the common so-called hardy evergreens.

A few very fine Blue Spruce, 6 feet, nicely packed, F. O. B., $5.00 each.

	Per Pair	DOZEN.	100
Picea Pungens, Colorado Blue Spruce	$	$	$
Fine Form Blue, 4½ to 5 feet	6 00	25 00	
Fine Form Blue, 3½ to 4 feet	4 00	20 00	130 00
Fine Form Green, 4 to 5½ feet	2 00	8 00	55 00
Fine Form Green, 3 to 4 feet	1 00	5 00	35 00
Picea Engelmanii of Colorado, 2 feet	4 00		
Abies Sibirica, Siberian Silver Fir, 20 to 24 inches	2 00	6 00	
Abies Sibirica, Siberian Silver Fir, 15 to 18 inches	1 00	5 00	
Abies Concolor, 2 to 3 feet	3 00		
Abies Concolor, 1 foot	1 50	10 00	
Arbor Vitæ, Golden, 5 to 6 feet	5 00		
Arbor Vitæ, Goiden, 18 to 24 inches	1 00	10 00	
Arbor Vitæ, Pyramid, 4 to 5 feet	2 00	8 00	
Arbor Vitæ, Pyramid, 2 to 3 feet	1 50	6 00	
Arbor Vitæ, Little Gem, 8 inches in diameter	1 50	8 00	
Waukegan Trailing Juniper	50	5 00	
Picea Douglasii, 6 to 8 feet	5 00		
Picea Douglasii, 5 to 6 feet	4 00	18 00	110 00
Picea Douglasii, 2 to 3 feet	1 50	6 00	

For a strong, durable wind break take the Colorade Spruce.

EVERGREEN TREE SEEDLINGS.

The following are very fine, stocky and well rooted, and far superior to imported trees of same age, as they make a fine growth tne first season after transplanting.

	100	1,000	10,000
Norway Spruce, 6 to 10 inches	$ 60	$ 5 00	$45 00
Norway Spruce, 10 to 12 inches	1 50	10 00	95 00
White Spruce, (Black Hills), 6 to 10 inches	1 00	6 50	60 00
White Spruce, (Black Hills), 10 to 12 inches	1 50	10 00	
Austrian Pine, 2 years, 3 to 6 inches	60	5 00	
Scotch Pine, 4 to 6 inches	75	5 00	
White Pine, 3 years, 4 to 6 inches	1 00	8 00	
White Pine, 3 years, 6 to 8 inches	1 50	10 00	
Balsam Fir, 4 to 8 inches	1 00	7 00	
Colorado Blue Spruce, 3 to 6 inches	4 00	35 00	
Abies Concolor, 4 to 6 inches	4 00	35 00	
Douglas Spruce, 6 to 9 inches	3 00	25 00	

SHADE AND ORNAMENTAL TREES.

TRANSPLANTED.

	DOZEN.	100
American Linden, 5 feet	$ 4 00	$
American Linden, 3 to 4 feet	2 00	10 00
Catalpa Speciosa, 12 feet	12 00	
Catalpa Speciosa, 6 to 8 feet	6 00	30 00
Box Elder, 5 to 6 feet	2 00	8 00
European White Birch, 6 to 8 feet	6 00	
European White Birch, 4 to 6 feet	3 00	15 00
Wild Black Cherry, 7 to 10 feet	6 00	25 00
European Alder, 6 to 7 feet	6 00	
Green Ash, 4 to 5 feet	1 50	5 00
Black Walnut, 2 feet	1 00	5 00
Tulip Tree, 3 to 5 feet	6 00	
Silver Maple, 8 to 10 feet	5 00	25 00
Silver Maple, 6 to 9 feet	2 50	15 00
American Elm, 6 to 7 feet	10 00	
American Elm, 5 to 6 feet	4 00	20 00
Norway Maple, 4 feet	3 00	
American Mountain Ash, 4 to 5 feet	6 00	
European Alder, 4 to 5 feet	1 00	5 00

FOREST AND ORNAMENTAL TREE SEEDLINGS.

	100	1,000	10,000
Green Ash, 3 to 4 feet	$ 1 00	$ 5 00	$40 00
White Ash, 1 to 2 feet	75	3 50	30 00
Silver Maple, 12 to 18 inches	50	3 50	
White Birch, European, 12 to 18 inches	1 00	6 00	
White Birch, European, 6 to 12 inches	75	4 00	
Canoe Birch, 12 to 20 inches	1 00		
White Elm, 10 to 15 inches	75	4 00	
Catalpa Speciosa, 12 to 18 inches	75	4 00	35 00
European Larch, 10 to 15 inches	1 00	9 00	
European Larch, 6 to 10 inches	75	5 00	
American Mountain Ash, 1 year	1 00	5 00	
European Mountain Ash, 1 year	1 00	5 00	

. . . WE OFFER THE . . .

FOLLOWING PACKAGES

BY MAIL, POSTPAID,

FOR $1.00 PER PACKAGE.

Our mail packages are made up of the number set opposite each kind, and we never divide the packages, nor put more than one kind in each $1.00 package.

No. 1—100 European Larch, 1 year.
No. 2—100 White Ash, 10 to 12 inches.
No. 3—100 Hardy Catalpa (Catalpa Spesciosa). 10 to 12 inches.
No. 4—100 White Elm, 1 year.
No. 5— 50 European Mountain Ash, 1 year.
No. 6—100 European White Birch. 1 year.
No. 7— 50 Norway Spruce, 6 to 9 inches.
No. 8— 50 White Spruce, 4 to 6 inches.
No. 9— 50 American Arbor Vitæ, 5 to 8 inches.
No. 10— 50 Balsam Fir. 3 years.
No. 11— 75 White Pine, 3 years.
No. 12— 75 Austrian Pine, 3 to 6 inches.
No. 13— 75 Scotch Pine, 7 to 9 inches.
No. 14—100 Soft Maple, 1 year.

EVERGREEN TREE SEEDS.

	PER OZ.	PER LB.
Picea Excelsa, Norway Spruce	$ 25	$ 1 50
Pinus Austriaca, Austrian Pine	25	1 50
Pinus Strobus, White Pine	30	2 50
Pinus Sylvertris, Scotch Pine		1 50
Juniperus Prostrata. Prostrate Juniper		75
Juniperus, Waukegan Trailing		75
Thuya Occidentalis, American Arbor Vitæ	40	4 00
Colorado Blue Spruce, from bluest trees	80	
Abies Concolor, from Colorado	80	
Douglas Spruce	80	

DECIDUOUS TREE SEEDS.

	PER OZ.	PER LB.
Acer Platanoides, Norway Maple	$ 25	$ 1 50
Acer Saccharinum, Sugar Maple	25	1 50
Acer Negundo, Box Elder.....per bushel, $3.50	25	1 50
European White Birch	30	2 00
Papyracæ, Canoe Birch	30	2 00
Catalpa Speciosa, Western or Hardy Catalpa	25	1 50
Fraxinus Alba, White Ash.....per bbl. $8.00	25	1 00
Fraxinus Viridis, Green Ash.....per bbl. $8.00	25	1 00
Larix Europa, European Larch	25	1 25
Prunus Serotina, Wild Black Cherry	15	1 50
Robinia Psevdo-Acacia, Yellow Locust	25	75
Pyrus Acuparia, European Mountain Ash		50

DIRECTIONS FOR SOWING EVERGREEN SEEDS.

Sow Evergreen seeds broad cast in beds 4 feet wide, light, sandy loam, cover very lightly. Shade the beds from the sun for the first year, either with lath frames or brush. The seeds are sown dry. The beds must be carefully hand-weeded the first and second years. The seedlings are then of proper size to be thinned out of the beds and planted in nursery.

DECIDUOUS TREE SEEDS.

Ash, Hard Maple, Box Elder, Black Cherry, etc., are better kept in moist sand during winter and sown in early spring. Catalpa, Birch and Ailanthus are kept dry in winter and sown in spring. Hard shelled seed, like the Locust should be soaked in hot water before sowing in spring. Soft Maple and Elm should be sown as soon as ripe in May or early June. All the above except Catalpa, Ailanthus and Locust are better sown early, or as soon as the ground is in condition in spring.

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AN ILLUSTRATED WEEKLY JOURNAL OF

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